NEWHANK

QUALITY AV PRODUCTS

RACKMOUNT 7'' DUAL HDMI LCD MONITORS

USER MANUAL

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1. INTRODUCTION

This LCD monitor is a multirack panel with two 7" LCD monitors with HDMI inputs and composite video inputs. It is a high quality product, made for any professional display applications in different markets such as broadcast, industry, security, ...

2. PACKAGES CONTENT

- Rackmount LCD
- Power supply
- Ears for rackmount
- Power cord
- User manual

3. PRODUCT DESCRIPTION

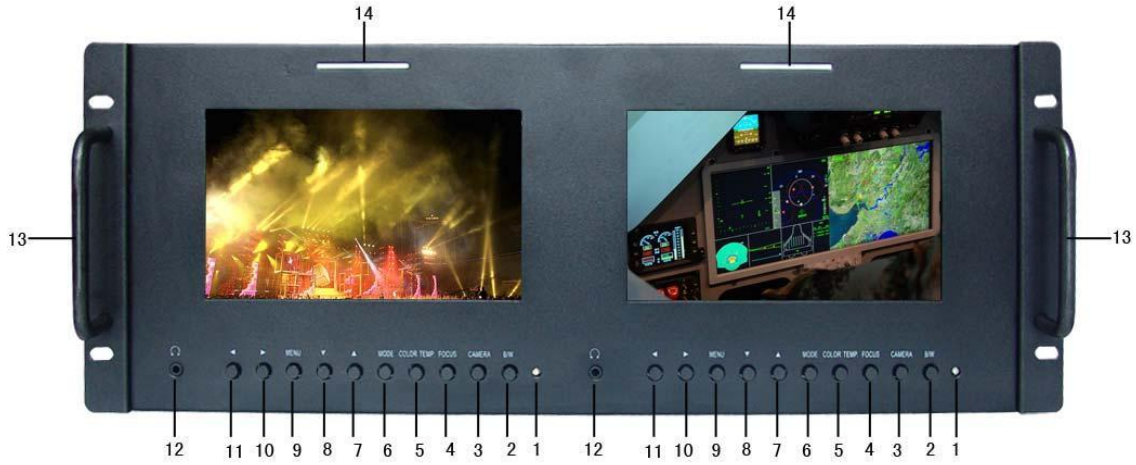
This dual LCD screen display provides video monitor & audio monitor. The monitor with high resolution 1024*600, to receive the HDMI,Y/Pb/Pr and analog composite video signal, with the audio input, earphone monitoring functions. MVIW-070X2-RK can also provide HDMI, composite video signal output. All video signals by digital processing, high quality scaling on the screen. This monitor is dedicated to be used in the TV news production, editing, broadcast and television, special vehicles in areas such as video surveillance.

- HDMI/composite video and audio input
- HDMI output
- 5D II camera mode
- Peaking filter (Peaking focus assist) mode
- Picture color temperature selection
- Black and white picture (Red, Green, Blue display)
- Screen marker (80%,85%,90%,93%,96%)
- Center marker
- 4:3 or 16:9 Aspect ratio setting
- Brightness, Contrast, Hue, Saturation and Color Temperature Adjustment
- 6 levels of brightness cycle adjustment shortcuts
- Earphone monitoring

4. SPECIFICATIONS

Panel size	TFT LCD 7.0inchx7 1843200 Pixels
Panel type	TFT LCD
Resolution	1024 x 600
Resolution up to	1920 x 1440
Horizontal frequency range	30 ~ 60kHz
Vertical frequency range	60Hz ~ 75Hz
Dot pitch	0.05(W) x 0.15 (H)
Display ratio	16 : 9
Brightness	250 cd/m²
Contrast ratio	700:1
Response time	10ms
Viewing angle	75°/75° (L/R) 70°/75° (U/D)
Backlight	LED
Input signal	HDMI, YPbPr, VIDEO, AUDIO
Signal output	Video, HDMI
Earphone output	Stereo 3.5 mm insert
HDMI support mode	480i, 480p, 576i, 576p,720p/50/60Hz 1080i50/60Hz, 1080p50/60Hz
Video color system	PAL - 4.43, NTSC - 3.58
Input power voltage range	DC 6-24V
Unit power consumption	≤ 12 W
Standby current	≤100mA/12V
Unit size	482.6 mm×132.5 mm×105.0 mm
Working temperature	- 20°C ~ 55°C
Storage temperature	- 30°C ~ 65°C

5. PANEL FUNCTION AND BUTTON OPERATING INSTRUCTION



1. POWER INDICATOR: Orange light is NO signal state, green light is in working state.

2. B/W: Switch on/off Check Field (Red, Green, Blue, Monochromatic and color)

3. CAMERA: Canon 5D Mark II Camera Mode(camera mode is recording, full display on monitor, No delay, No deform).

4. FOCUS: Crochet Focus Assist (peaking filter) Key

5. COLOR TEMP: Color temperature selection

6. MODE: Input signal selection

7. ▲: Menu item value up adjustment button. No Menu State to cycle adjust the 5 level brightness

8.▼: Menu item value down adjustment button

9. MENU: To activate or close OSD menu

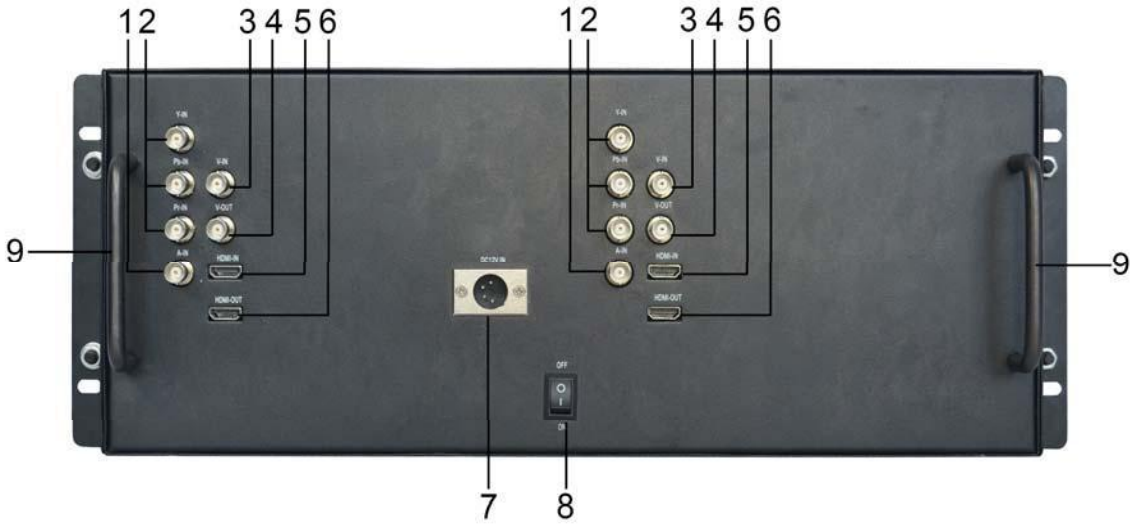
10.►: Right adjusting key, function confirmation or increase the menu analog value

11. ◄: Left adjusting key, function confirmation or decrease the menu analog value

12. : Earphone insert.

13. The front handle.

6. REAR PANEL AND INTERFACE INSTRUCTION



1. A-IN: Audio signal input

2. YPbPr: Component video signal input

3. V-IN: Composite video signal input

4. V-OUT: Composite video signal output

5. HDMI-IN:HDMI HD signal input

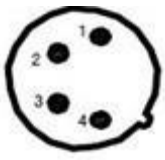
6. HDMI-OUT:HDMI HD signal output

7. 4 pin XLR DC power input interface

8. Power ON/OFF switch

9. The rear handle

7. POWER INPUT



Pin Number	Signal
1	GND
2-3	NC
4	+12V

Users can use this monitor with attached power adapter for power supply, can also use DC power which output power is more than 20W for power supply

External power supply, please follow the picture XLR marked the correct access power.

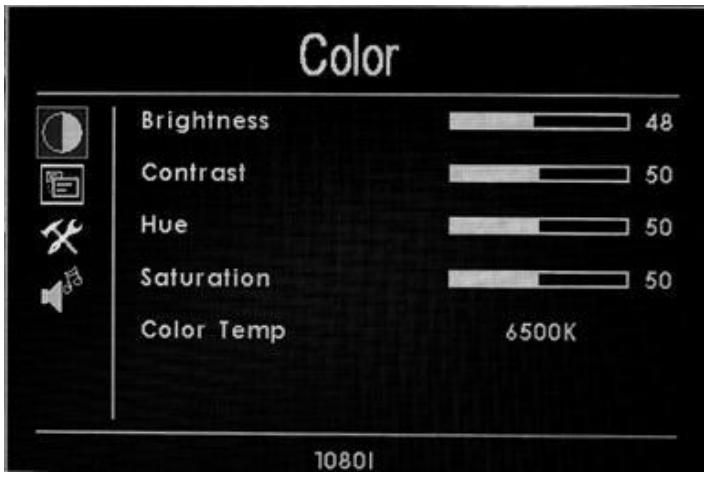
8. OSD OPERATING INSTRUCTION

Before setting the menu functions, please make sure the device is connected correctly. Power switch(at the back of the unit) dial to ON position. The monitor enter into working state. Please dial to OFF position ,when need to close the unit. After enter into working state, press the "mode" button on the unit, according to the input video signal to switch signals (under NO menu state, using the shortcut button on the panel to operate).

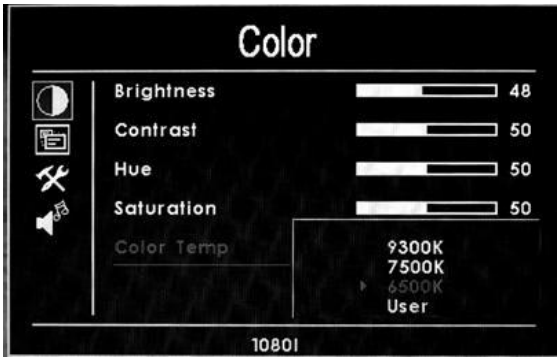
Press "MENU" button on the unit, then enter into OSD menu operation. Operate “▲”or“▼”on the unit to select or adjust the needed options: (color), (menu), (function), (sound). After select options, press “◄”or“►”on the unit to confirm, then using “▲”or“▼”to select or adjust the value of Analog. After confirm the needed adjust parameters, using “◄”or“►”to adjust. If need to exit OSD menu, press “MENU” button again.

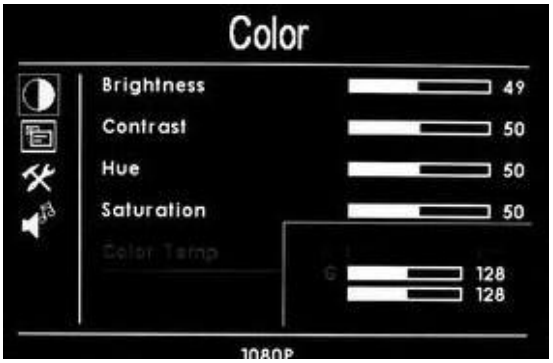
a) COLOR menu

Enter into "Color" OSD, press “◄”or“►”button to confirm, then enter to adjust the color parameters, use ““▲”or“▼”to select adjustment item, then use“◄”or“►”adjust the parameters.



- Brightness: To adjust the image's brightness
- Contrast: To adjust the brightest and darkest ratio of the image, please note the sense of picture when adjust, proportion too large or small, will make the picture lose the color of showy.
- Tint: On NTSC Video mode, the image color tint difference is adjustable by tint.
- Saturation: To adjust color concentration
- Color temperature: Enter into (color)menu, press“◄”or“►” on the unit to confirm, press “▲”or“▼” to select the form of color temperature, then press “◄”or“►”on the unit to confirm, then use “▲”or“▼” to select color temperature such as: 9300 K, 7500K, 6500K or USER.(the monitor leave the factory defaults 6500K)

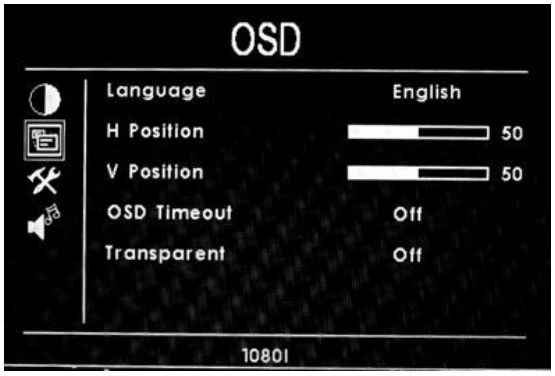




When select "USER", use “▲”or“▼” to select color R、G、B, then use “◄”or“►” to adjust the value of Analog, to make sure the color of picture meets need.

b) OSD menu

After select "OSD" function, press “◄”or“►” button to confirm, then enter into parameters adjust. Using “▲”or“▼” button to select optional items, then using “◄”or“►” button to adjust the parameters

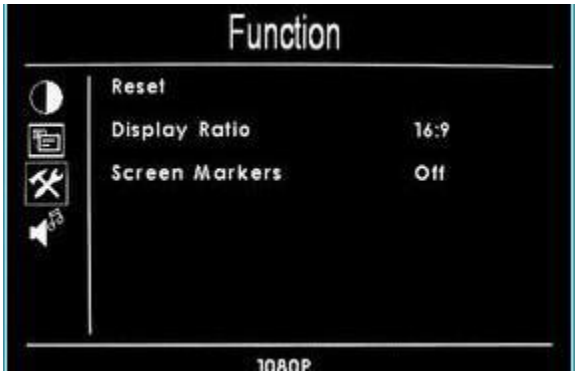


Language： Languages for OSD as below:

- H Position：To adjust the OSD position in horizontal.
- V Position：To adjust the OSD position in vertical.
- OSD Timeout：To adjust the clock.
- Transparent：To adjust the level of transparent.

c) FUNCTION Menu

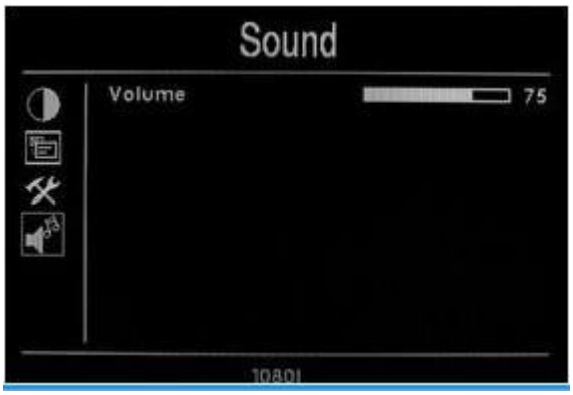
After select "function", press “◄”or“►” button to confirm, then enter into parameters adjust. Using “▲”or“▼” button to select adjustable items, then using “◄”or“►” button to adjust the parameters.



- Reset：Back to original setting.
- Display Ratio：To change the display ratio 16:9/4:3.
- Screen Marker:(80%, 85%, 90%, 93%, 95%)

d) SOUND Menu

After select "menu" function, press “◄ ”or“►”button to confirm. Then enter into parameters adjust. Use “▲”or“▼” to select adjustable options, then use“ ”or“”adjust specific parameters



- Volume: To adjust the volume.

9. WARRANTY AND CONTACTS

The warranty of this product is 1 year Parts and Labor from the date of purchase. If the fault in the product is due to improper use of the product or operations carried out by third parties, the warranty is lost. If the product frame is open, the warranty is lost.

During the warranty period, the unit will be repaired free of charge. Return shipping are the responsibility of the customer. Return shipping have to be made through your local distributor/dealer.

For any question during the installation, contact our after sales service on the following address: info@newhank.com